

IN THE SPECIFICATION

Please amend the specification as follows:

Replace the paragraph on page 2, between lines 7-13 of the specification with the following:

According to one aspect of the present invention, there is provided an activity monitor comprising a measurement unit including a plurality of motion sensors operable to produce respective sensor signals indicative of motion experienced thereby; and a processor operable to receive the sensor signals from the measurement unit and to process the signals in accordance with a predetermined method, characterised in that wherein the processor is operable to apply a correction calculation to the sensor signals, in order to remove external motion effects from the sensor signals.

Replace the paragraph spanning pages 2-3, between page 2, line 26, and page 3, line 2 of the specification with the following:

Figure 1 illustrates an activity monitor 1 embodying one aspect of the present invention. The activity monitor 1 comprises a measurement unit 11, a processor 12, and a memory unit 13. The measurement unit 11 is operable to produce data signals indicative of the motion of the activity monitor 1, and to supply those data signals to the processor 12. The processor 12 is operable to process the data signals output from the measurement unit 11, and is able to store the data signals, or the results of the processing, in the memory unit 13. Data can be transferred between the processor 12 and the memory unit 13. The processor 12 is also able to be connected to an external host system 2, which can be a personal computer (PC) or other appropriate systems. The external host system 2 can be used to perform additional processing of the data held in the activity monitor 1.

Replace the paragraph on page 3, between lines 26-33 of the specification with the following:

Figure 3 illustrates a method embodying the present invention, and at step A signals are received from the motion sensors by the processor 12. At step B, the processor determines whether the input

sensor signals exhibit characteristics which are indicative of vehicle, or other external motion. Alternatively, the processor can receive a manual intervention from the user of the device, for example in the form of a button activated on the device. Where the manual button is activated, or where the processor detects external vehicle motion, a correction algorithm is applied to the sensor signals in step C, in order to remove the effects of the vehicle's motion. At step D, the corrected signals can then be stored in the memory 13.